

**Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 15119
Application ID: 10063713
Title of Invention: SECRETED AND TRANSMEMBRANE
POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME
First Named Inventor: Dan Eaton
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-05-08
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 10466/437
Digital Certificate Holder: cn=Paul Rauch, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: rGUVNEbnKHYoPWCvvsBp0A==
Total Fees Authorized: \$740.0
Payment Category: CC - Credit Card
Credit Card Number: *****1006
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Card Holder Name: M HOFFMAN 10466/437
RAM User ID: EFSPROD
RAM Accounting Date: 2002-05-08
RAM Sequence Number: 448988
RAM Payment Status: RAM success
Postal Code: 60611



TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:

10466/437

Submission Type: Utility Patent
Filing

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

First Named Inventor: Dan L. Eaton

SUBMITTED BY

| | |
|--|-----------------------|
| Name: | Dr. Paul E. Rauch |
| Registration Number: | 38591 |
| Electronic Signature Mark: Paul E. Rauch | Date Signed: 20020508 |

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|------------------|-------------------------------|
| sequence-listing | Sequence_Listing_as_filed.txt |
| declaration | Declaration01.tif |

| | |
|-----------------|-------------------|
| declaration | Declaration02.tif |
| declaration | Declaration03.tif |
| declaration | Declaration04.tif |
| declaration | Declaration05.tif |
| declaration | Declaration06.tif |
| declaration | Declaration07.tif |
| declaration | Declaration08.tif |
| declaration | Declaration09.tif |
| declaration | Declaration10.tif |
| declaration | Declaration11.tif |
| declaration | Declaration12.tif |
| bid-transmittal | 10466437apds.xml |
| fee-transmittal | 10466437fee.xml |
| specification | 10466437.xml |

Attached Image File(s):

Declaration01.tif
Declaration02.tif
Declaration03.tif
Declaration04.tif
Declaration05.tif
Declaration06.tif
Declaration07.tif
Declaration08.tif
Declaration09.tif
Declaration10.tif
Declaration11.tif
Declaration12.tif

Comments:

I hereby state that the Sequence Listing contained in the specification and drawings submitted herewith and the Sequence Listing attached hereto in .txt format is identical. I further state that this submission includes no new matter. The prior application is assigned of record to Genentech, Inc. REEL/FRAME 012377/0266; Recorded:12/06/2001

Sequence Listing

**COMBINED DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are **as stated** below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a patent is sought on the invention

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE S

the specification of which (check one) ☒ is attached hereto or ☐ was filed on as Application Serial No. and was ☐ applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including any amendments by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with the Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Prior
Yes

| Number | Country | Day/Month/Year Filed |
|---|---------|----------------------|
| I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) | | |

Please see attached Appendix A (Listing 87 U.S. Provisional Patent Applications)

| Application Ser. No. | Filing Date |
|--|-------------|
| I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below as the subject matter of each of the claims of this application is not disclosed in the prior United States application provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application or PCT international filing date of this application: | |

Please see attached Appendix B (Listing 20 U.S. applications and 27 PCT applications)

| Application Ser. No. | Filing Date | Status: Patented, Pending, Abandon |
|----------------------|-------------|------------------------------------|
| Application Ser. No. | | |

| Application Ser. No. | Filing Date | Status: Patented, Pending, Abandon |
|----------------------|-------------|------------------------------------|
| Application Ser. No. | | |

POWER OF ATTORNEY: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



09157

PATENT TRADEMARK OFFICE

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I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements will be true and that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the U.S. Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent attorney or agent to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent herein will be so notified by the undersigned.

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Audrey Goddard

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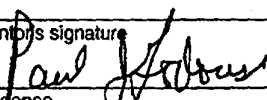
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Paul J. Godowski

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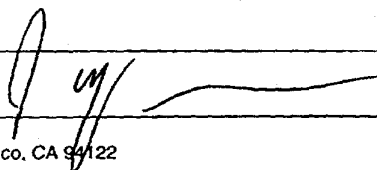
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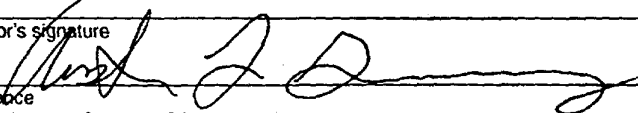
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Austin L. Gurney

Inventor's signature



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Inventor's signature

William I. Wood

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PATENT TRADEMARK OFFICE

Paul E. Rauch, Registration No. 38,591, CUSTOMER NUMBER: 28,442

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Email: prauch@brinkshofer.com

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Full name of sole or first inventor

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Full name of second joint inventor, if any

Ellen Filvaroff

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Full name of third joint inventor, if any

Mary E. Gerritsen

Inventor's signature

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Oct 15, 2001

Full name of fourth joint inventor, if any

Audrey Goddard

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Full name of fifth joint inventor, if any

Paul J. Godowski

Inventor's signature

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Full name of sixth joint inventor, if any

J. Christopher Grimaldi

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Full name of seventh joint inventor, if any

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Inventor's signature

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Full name of eighth joint inventor, if any

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Full name of ninth joint inventor, if any

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APPENDIX A

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications

1. 60/063435 Filed 10/29/97
2. 60/064215 Filed 10/29/97
3. 60/082797 Filed 4/22/98
4. 60/083495 Filed 4/29/98
5. 60/085579 Filed 5/15/98
6. 60/087759 Filed 6/2/98
7. 60/088021 Filed 6/4/98
8. 60/088029 Filed 6/4/98
9. 60/088030 Filed 6/4/98
10. 60/088734 Filed 6/10/98
11. 60/088740 Filed 6/10/98
12. 60/088811 Filed 6/10/98
13. 60/088824 Filed 6/10/98
14. 60/088825 Filed 6/10/98
15. 60/088863 Filed 6/11/98
16. 60/089105 Filed 6/12/98
17. 60/089514 Filed 6/16/98
18. 60/089653 Filed 6/17/98
19. 60/089952 Filed 6/19/98
20. 60/090246 Filed 6/22/98
21. 60/090444 Filed 6/24/98
22. 60/090688 Filed 6/25/98
23. 60/090696 Filed 6/25/98
24. 60/090862 Filed 6/26/98
25. 60/091628 Filed 7/2/98
26. 60/096012 Filed 8/10/98
27. 60/096757 Filed 8/17/98
28. 60/096949 Filed 8/18/98
29. 60/096959 Filed 8/18/98
30. 60/097954 Filed 8/26/98
31. 60/097971 Filed 8/26/98
32. 60/097979 Filed 8/26/98
33. 60/098749 Filed 9/1/98
34. 60/099741 Filed 9/10/98
35. 60/099763 Filed 9/10/98
36. 60/099792 Filed 9/10/98
37. 60/099812 Filed 9/10/98
38. 60/099815 Filed 9/10/98
39. 60/100627 Filed 9/16/98
40. 60/100662 Filed 9/16/98
41. 60/100683 Filed 9/17/98
42. 60/100684 Filed 9/17/98
43. 60/100930 Filed 9/17/98
44. 60/101279 Filed 9/22/98

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|-----|-----------|----------------|
| 46. | 60/101738 | Filed 9/24/98 |
| 47. | 60/101743 | Filed 9/24/98 |
| 48. | 60/101916 | Filed 9/24/98 |
| 49. | 60/102570 | Filed 9/30/98 |
| 50. | 60/103449 | Filed 10/6/98 |
| 51. | 60/103678 | Filed 10/8/98 |
| 52. | 60/103679 | Filed 10/8/98 |
| 53. | 60/103711 | Filed 10/8/98 |
| 54. | 60/105000 | Filed 10/20/98 |
| 55. | 60/105002 | Filed 10/20/98 |
| 56. | 60/105881 | Filed 10/27/98 |
| 57. | 60/106030 | Filed 10/28/98 |
| 58. | 60/106464 | Filed 10/30/98 |
| 59. | 60/106856 | Filed 11/3/98 |
| 60. | 60/108807 | Filed 11/17/98 |
| 61. | 60/112419 | Filed 12/15/98 |
| 62. | 60/112422 | Filed 12/15/98 |
| 63. | 60/112853 | Filed 12/16/98 |
| 64. | 60/113011 | Filed 12/16/98 |
| 65. | 60/112854 | Filed 12/16/98 |
| 66. | 60/113300 | Filed 12/22/98 |
| 67. | 60/113408 | Filed 12/22/98 |
| 68. | 60/113430 | Filed 12/23/98 |
| 69. | 60/113621 | Filed 12/23/98 |
| 70. | 60/114223 | Filed 12/30/98 |
| 71. | 60/115614 | Filed 1/12/99 |
| 72. | 60/116527 | Filed 1/20/99 |
| 73. | 60/116843 | Filed 1/22/99 |
| 74. | 60/119285 | Filed 2/9/99 |
| 75. | 60/119287 | Filed 2/9/99 |
| 76. | 60/119525 | Filed 2/10/99 |
| 77. | 60/119549 | Filed 2/10/99 |
| 78. | 60/120014 | Filed 2/11/99 |
| 79. | 60/129122 | Filed 4/13/99 |
| 80. | 60/129674 | Filed 4/16/99 |
| 81. | 60/131291 | Filed 4/27/99 |
| 82. | 60/138387 | Filed 6/9/99 |
| 83. | 60/144791 | Filed 7/20/99 |
| 84. | 60/169495 | Filed 12/7/99 |
| 85. | 60/175481 | Filed 1/11/00 |
| 86. | 60/191007 | Filed 3/21/00 |
| 87. | 60/199397 | Filed 4/25/00 |

APPENDIX B

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications listed be

US APPLICATIONS

- | | | | |
|-----|------------|----------------|-----|
| 1. | 09/380139 | Filed 8/25/98 | |
| 2. | 09/311832 | Filed 5/14/99 | |
| 3. | 09/380137 | Filed 8/25/99 | ABD |
| 4. | 09/380138 | Filed 8/25/99 | ABD |
| 5. | 09/380142 | Filed 8/25/99 | ABD |
| 6. | 09/397342 | Filed 9/15/99 | |
| 7. | 09/403297 | Filed 10/18/99 | ABD |
| 8. | 09/423844 | Filed 11/12/99 | ABD |
| 9. | 09/644848 | Filed 8/22/00 | |
| 10. | 09/665350 | Filed 9/18/00 | |
| 11. | 09/664610 | Filed 9/18/00 | ABD |
| 12. | 09/709238 | Filed 11/8/00 | |
| 13. | 09/747259 | Filed 12/20/00 | |
| 14. | 09/816744 | Filed 3/22/01 | |
| 15. | 09/854208 | Filed 5/10/01 | |
| 16. | 09/854280 | Filed 5/10/01 | |
| 17. | 09/870574 | Filed 5/30/01 | |
| 18. | 09/874503 | Filed 6/5/01 | |
| 19. | 09/869599 | Filed 6/29/01 | |
| 20. | 09/908,827 | Filed 7/18/01 | |

PCT APPLICATIONS

- | | | |
|-----|----------------|----------------|
| 1. | PCT/US98/19330 | Filed 9/16/98 |
| 2. | PCT/US99/05028 | Filed 3/8/99 |
| 3. | PCT/US99/10733 | Filed 5/14/99 |
| 4. | PCT/US99/12252 | Filed 6/2/99 |
| 5. | PCT/US99/20111 | Filed 9/1/99 |
| 6. | PCT/US99/21090 | Filed 9/15/99 |
| 7. | PCT/US99/21194 | Filed 9/15/99 |
| 8. | PCT/US99/30720 | Filed 12/22/99 |
| 9. | PCT/US00/04341 | Filed 2/18/00 |
| 10. | PCT/US00/04342 | Filed 2/18/00 |
| 11. | PCT/US00/04414 | Filed 2/22/00 |
| 12. | PCT/US00/05601 | Filed 3/1/00 |
| 13. | PCT/US00/08439 | Filed 3/30/00 |
| 14. | PCT/US00/14042 | Filed 5/22/00 |
| 15. | PCT/US00/15264 | Filed 6/2/00 |
| 16. | PCT/US00/23522 | Filed 8/23/00 |
| 17. | PCT/US00/23328 | Filed 8/24/00 |
| 18. | PCT/US00/30873 | Filed 11/10/00 |
| 19. | PCT/US00/32378 | Filed 12/1/00 |
| 20. | PCT/US00/34956 | Filed 12/20/00 |

22. PCT/US01/06666 Filed 3/1/01
23. PCT/US01/17443 Filed 5/30/01
24. PCT/US01/17800 Filed 6/1/01
25. PCT/US01/19692 Filed 6/20/01
26. PCT/US01/21066 Filed 6/29/01
27. PCT/US01/21735 Filed 7/9/01

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FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 740

BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 1006
Expiration Date: 20040502
Authorized Name: M HOFFMAN 10466/437
Billing Address: 60611

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 20 | 103 | \$ 18 | 0 | \$ 0 |
| Independent Claims: 3 | 102 | \$ 84 | 0 | \$ 0 |

Subtotal For Extra Claims Fees: \$ 0